



**Construct
Connect
Commute**



60-91-215 Interchange Improvement Project

Flyover Connectors Status of Work - Week of September 21, 2004

Substructure	In Progress	Complete to Date	Percent Complete
NW Connector - 26 Columns			
Drill Foundation	10	8	31%
Construct Pile Shaft	10	3 ^f	12%
Construct Column	4	3	12%
SE Connector - 16 Columns			
Drill Foundation	1	1	6%
Construct Pile Shaft	1	0	
Construct Column	0	0	

Superstructure work includes erecting falsework and constructing the connectors

NOTES

NW Connector - Moreno Valley to Riverside/Orange County - (northbound I-215 to westbound SR 91)

Bridge Column 9* - Drilled first pile shaft 6/28, first pile shaft poured 7/1**

One of the largest piles in the state was poured in early September. It was # 16 on the NW Connector, and took 60 cement trucks to fill the 135-foot deep hole, 13 feet in diameter, to 30 feet below grade. It will take approximately 25 cement trucks to finish filling the hole. The hole was drilled with the largest machine of its kind in the world. The 135-foot steel reinforcing cage weighed over 62 tons, and required two 120-ton cranes to set it in place.

SE Connector - San Bernardino to Moreno Valley - (southbound I-215 to southbound I-215)

Work started on the South to East Connector this month.

* Bridge Columns 1-8 will be constructed after most of the other NW Connector columns are complete

** Pile shafts are constructed using two concrete pours, generally a week or more apart

^f Correction from prior report